

(19) World Intellectual Property
Organization
International Bureau



549689

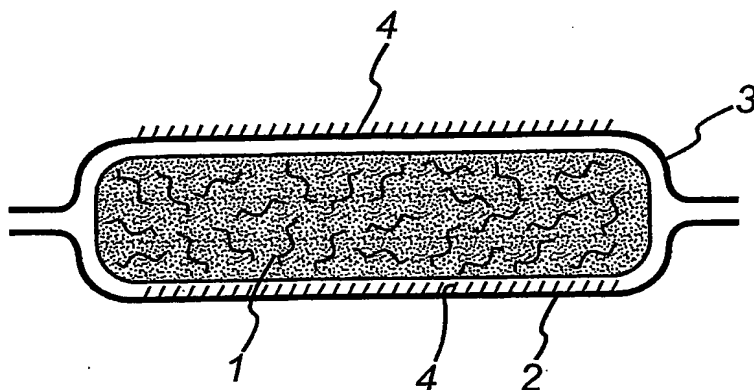
(43) International Publication Date
30 September 2004 (30.09.2004)

PCT

(10) International Publication Number
WO 2004/082485 A1

- (51) International Patent Classification⁷: **A61B 10/00**
- (21) International Application Number:
PCT/EP2004/002703
- (22) International Filing Date: 16 March 2004 (16.03.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
0306127.2 18 March 2003 (18.03.2003) GB
- (71) Applicant (for all designated States except US): **WIL-LETT INTERNATIONAL LIMITED** [GB/GB]; 3 Cronin Road, Weldon South Industrial Estate, Corby, Northamptonshire NN18 8AQ (GB).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **FOX, Michael, James** [GB/GB]; 13 Church Lane, Seaton, Near Oakham, Rutland LE15 9HR (GB).
- (74) Agent: **MCGOWAN, Nigel, George**; Intellectual Property Department, Siemens Shared Services, Siemens House, Oldbury, Bracknell, Berkshire RG12 8FZ (US).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: A DEVICE FOR NON-INVASIVELY DETECTING OR MONITORING A MEDICAL CONDITION IN A MAMMAL



(57) Abstract: A device for non-invasively detecting or monitoring a medical condition in a mammal, said device comprising a member (2, 3, 10) adapted to be worn upon the body of the mammal to receive at least some of a bodily fluid excreted by the mammal, said member carrying one or more marker ingredients (4) which interact with one or more components of the bodily fluid to generate a colour or other visible indication, said interaction being characteristic of the medical condition in the mammal.

WO 2004/082485 A1